

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: HALO

Report Number: P670596

Luminaire Tested: WXPS40UNVDBZ-30W-4000K

Issue Date: 4/4/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P670596  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 2022-08-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: HALO  
Catalog Number: WXPS40UNVDBZ-30W-4000K  
Description: WALL PACK  
Light Source: 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3719 lumens  
Efficiency: N/A  
Efficacy: 123.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 0.62' x H: 0.41')  
IES Classification: Type IV - Short  
BUG Rating: B0 - U3 - G3

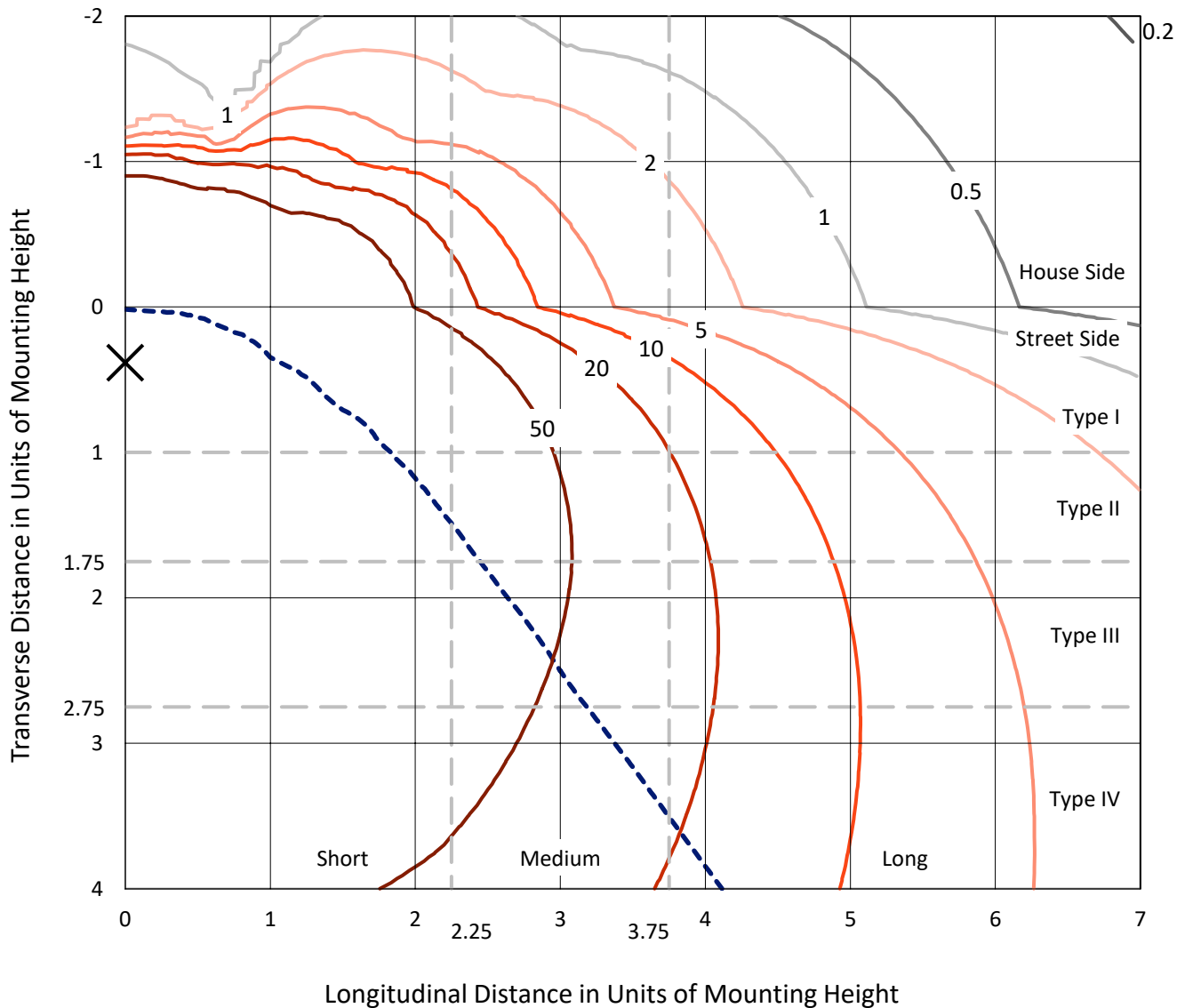
Input Watts (W): 30.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

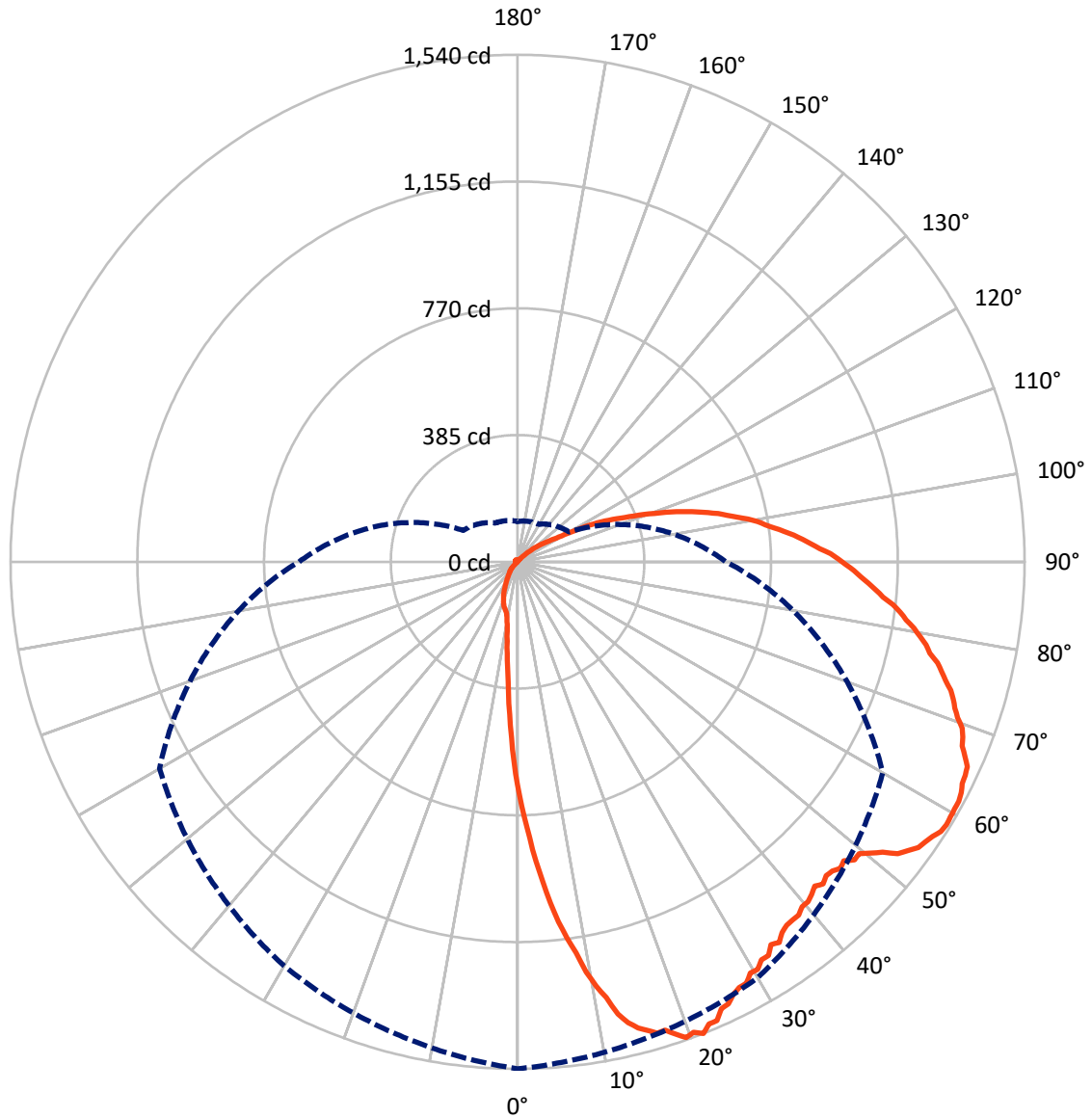
× Max cd  
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 5342.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral      - - - Horizontal Cone Through 21-Deg Vertical



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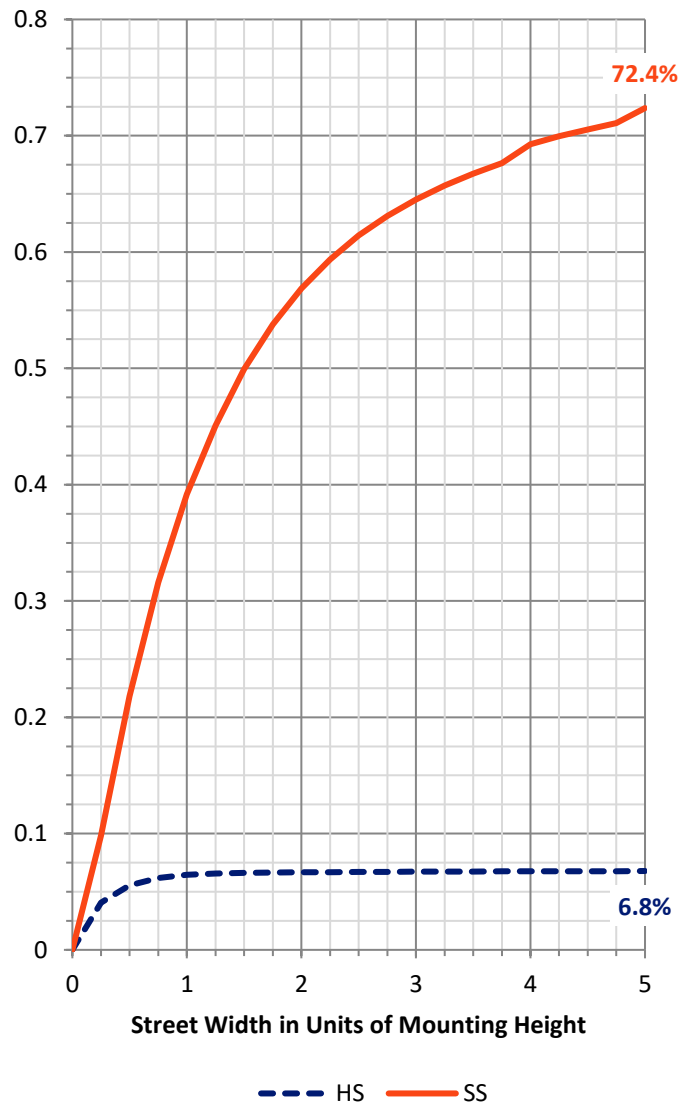
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	256.2	24.6	280.8
	% Fixture	6.9	0.7	7.5
<b>Street Side</b>	Lumens	2940.3	497.9	3438.2
	% Fixture	79.1	13.4	92.5
<b>Total</b>	Lumens	3196.5	522.5	3719.0
	% Fixture	86.0	14.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.2	1.8
10°-20°	209.7	5.6
20°-30°	339.1	9.1
30°-40°	410.7	11.0
40°-50°	441.0	11.9
50°-60°	472.4	12.7
60°-70°	474.9	12.8
70°-80°	430.7	11.6
80°-90°	350.9	9.4
90°-100°	253.7	6.8
100°-110°	156.6	4.2
110°-120°	70.8	1.9
120°-130°	25.2	0.7
130°-140°	8.5	0.2
140°-150°	3.4	0.1
150°-160°	2.3	0.1
160°-170°	1.4	0.0
170°-180°	0.4	0.0
0°-90°	3196.5	86.0
0°-180°	3719.0	100.0

**Coefficient of Utilization**

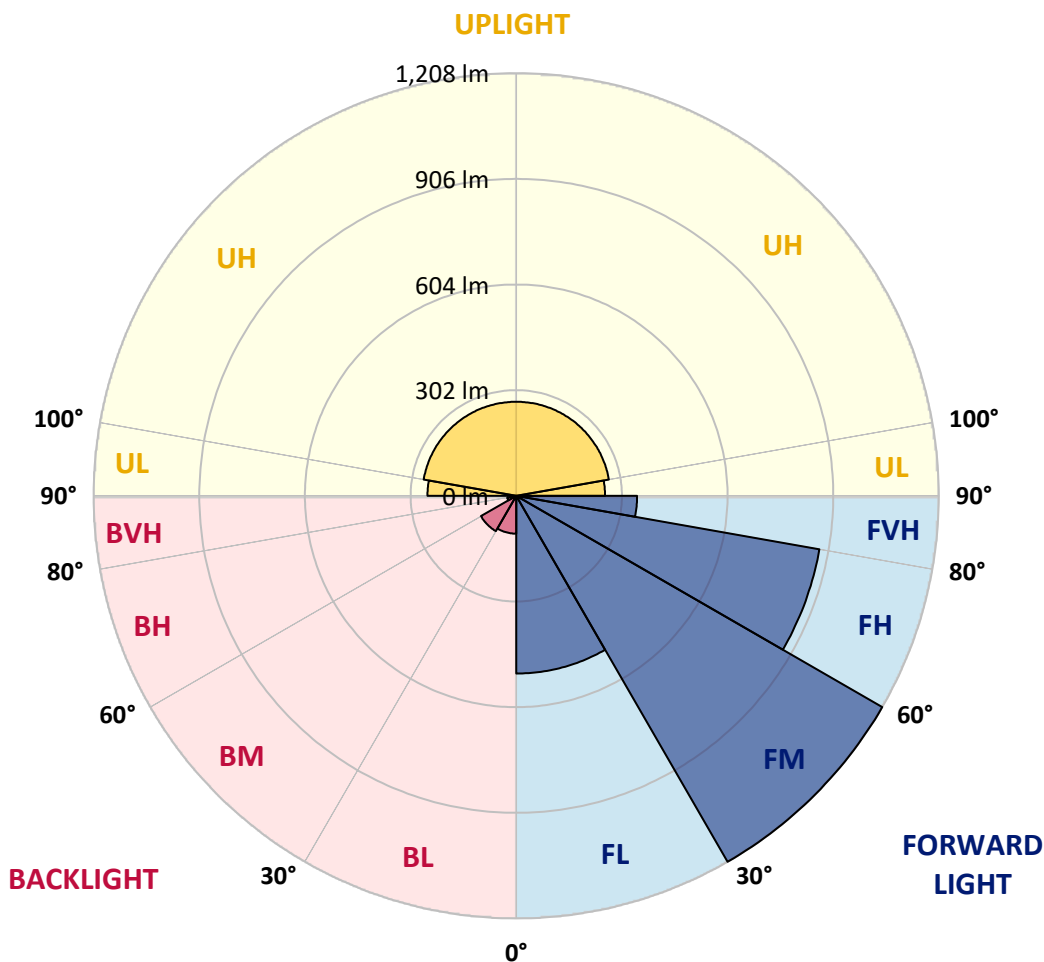


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	507.8	13.7			
FM (30°-60°)	1207.7	32.5			
FH (60°-80°)	879.7	23.7			G1/1800
FVH (80°-90°)	345.2	9.3			G3/500
BL (0°-30°)	108.1	2.9	B0/110		
BM (30°-60°)	116.4	3.1	B0/220		
BH (60°-80°)	26.0	0.7	B0/110		G0/110
BVH (80°-90°)	5.7	0.2			G0/10
UL (90°-100°)	253.7	6.8		U3/500	
UH (100°-180°)	268.7	7.2		U3/500	

**BUG Rating: B0-U3-G3**  
 Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	710.2	710.2	710.2	710.2	710.2	710.2	710.2	710.2	710.2	710.2	710.2
1°	774.8	771.8	748.5	712.0	679.4	654.1	643.7	646.9	668.5	700.5	730.5
2°	839.6	830.1	782.7	711.0	645.2	598.2	571.4	580.9	637.2	707.8	763.6
3°	910.8	896.8	816.2	706.5	612.3	533.4	497.2	517.2	607.2	716.6	804.5
4°	974.1	953.7	842.6	697.4	573.7	471.6	431.4	456.6	570.7	712.6	844.8
5°	1041.2	1008.7	862.5	689.4	531.7	412.1	365.7	398.9	526.3	706.5	862.9
6°	1100.6	1061.7	896.0	689.3	491.4	360.7	319.6	355.9	486.4	711.5	887.1
7°	1152.6	1107.0	922.5	678.6	457.3	320.0	279.3	318.5	454.5	717.8	926.2
8°	1200.1	1147.2	948.0	664.1	420.7	282.5	243.5	282.4	423.3	712.4	972.3
9°	1263.1	1192.4	966.1	659.7	385.2	249.8	213.9	250.3	390.7	706.1	1001.2
10°	1310.0	1247.1	974.8	665.6	353.4	222.5	192.5	223.8	361.4	698.1	1020.6
11°	1350.3	1292.9	1028.1	661.0	329.8	201.0	177.3	203.4	338.1	704.3	1037.2
12°	1406.8	1339.9	1061.5	657.4	307.7	185.4	165.8	188.6	315.6	710.4	1051.9
13°	1439.1	1372.2	1083.5	658.7	286.9	173.3	157.8	177.6	297.8	706.6	1082.5
14°	1462.2	1411.0	1101.7	653.3	267.9	163.2	153.1	168.2	279.6	697.4	1120.1
15°	1476.5	1422.2	1127.5	655.7	251.3	155.1	149.8	160.6	262.1	691.1	1158.6
16°	1492.9	1421.7	1162.0	657.8	236.2	148.8	146.4	155.0	245.3	690.2	1163.5
17°	1491.5	1418.4	1199.2	655.3	222.5	144.4	142.8	151.0	230.9	685.2	1166.2
18°	1512.5	1441.0	1232.2	646.1	211.0	141.0	139.0	147.3	218.8	674.0	1180.7
19°	1532.8	1455.2	1244.9	645.4	200.5	138.1	133.4	143.7	207.9	673.1	1203.8
20°	1525.4	1459.8	1259.9	644.4	190.1	134.9	128.8	139.7	198.8	672.5	1231.8
21°	1539.9	1458.3	1280.6	633.0	180.9	131.6	122.6	136.0	191.1	663.9	1255.6
22°	1519.4	1476.5	1306.2	623.6	172.5	126.3	117.1	130.2	184.6	661.5	1255.1
23°	1519.1	1483.2	1321.6	603.2	164.7	122.3	111.1	125.9	177.9	657.4	1253.5
24°	1491.6	1504.4	1326.4	596.7	156.7	116.8	105.2	119.8	171.1	648.2	1254.8
25°	1487.3	1479.7	1329.0	578.4	149.1	111.8	98.5	114.6	164.9	644.4	1267.4
26°	1468.1	1471.9	1328.2	559.6	141.9	106.9	92.4	109.5	159.0	641.0	1285.2
27°	1458.1	1437.9	1333.9	548.4	136.3	101.0	85.9	102.9	152.8	634.9	1291.0
28°	1456.6	1422.9	1348.4	544.7	131.6	95.9	80.0	96.8	147.7	632.3	1292.9
29°	1435.5	1410.1	1327.8	537.9	127.4	90.0	74.1	91.4	143.4	628.0	1269.8
30°	1436.6	1387.0	1305.0	524.6	123.4	84.4	69.0	86.5	139.7	620.8	1247.6
31°	1418.1	1395.0	1293.3	511.9	119.6	79.0	63.9	81.6	136.0	608.3	1241.1
32°	1417.9	1395.9	1271.9	497.3	116.1	74.1	59.6	76.9	132.7	598.5	1233.0
33°	1394.6	1382.4	1240.9	482.8	112.9	69.5	55.2	72.7	129.3	581.4	1234.8
34°	1402.6	1371.3	1240.0	469.6	109.5	65.2	50.9	68.4	125.9	565.9	1217.5
35°	1383.3	1363.0	1238.4	455.7	106.3	61.0	47.5	64.5	121.7	554.4	1199.8
36°	1373.6	1351.7	1219.7	440.2	103.5	57.1	44.2	60.6	118.7	547.5	1191.1
37°	1371.2	1334.6	1209.1	431.4	100.8	53.1	40.6	56.9	115.7	535.1	1173.0
38°	1371.5	1319.8	1217.6	426.4	97.3	49.2	38.6	53.2	111.5	523.6	1132.0
39°	1357.9	1307.3	1206.6	428.4	94.5	45.3	37.6	49.7	107.9	499.8	1111.2
40°	1358.4	1286.6	1195.2	418.0	91.4	41.7	35.4	46.2	104.6	485.9	1081.5
41°	1348.4	1277.1	1203.3	404.5	88.1	38.2	33.1	42.9	100.5	470.9	1055.5
42°	1336.1	1263.5	1173.8	382.3	84.8	34.9	30.6	39.6	97.2	463.7	1035.8
43°	1348.2	1248.2	1124.5	363.1	81.2	31.6	27.8	36.3	93.6	457.5	1019.6
44°	1336.6	1249.1	1095.7	351.9	78.2	28.6	24.0	33.2	90.0	450.1	993.5



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**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	1340.2	1261.6	1060.9	357.9	74.9	25.6	19.9	30.0	86.2	443.7	974.8
46°	1352.0	1264.6	1021.6	351.5	71.9	22.7	16.5	26.6	82.5	430.9	973.0
47°	1344.0	1238.7	1004.0	340.4	68.4	19.8	11.8	23.3	79.0	413.6	963.8
48°	1365.9	1222.4	1002.1	324.0	65.3	17.2	8.2	20.1	75.4	398.1	944.7
49°	1364.7	1216.2	1005.0	310.2	61.8	14.4	1.6	16.8	72.0	386.9	930.8
50°	1391.0	1209.5	997.3	304.0	58.5	11.8	1.2	13.8	68.7	381.0	916.9
51°	1416.9	1219.6	999.9	294.3	55.1	8.8	1.3	10.7	65.6	370.0	887.1
52°	1455.5	1218.0	1005.5	275.1	52.1	5.8	1.4	7.5	62.6	351.5	874.1
53°	1474.5	1222.4	988.3	260.5	48.9	1.4	1.4	3.1	59.4	332.2	852.6
54°	1494.9	1236.5	962.0	254.4	46.0	1.3	1.5	1.9	56.3	322.2	829.4
55°	1502.5	1245.3	942.0	242.0	42.9	1.3	1.6	1.9	53.2	318.3	826.6
56°	1511.9	1253.0	913.7	225.0	40.1	1.4	1.7	1.9	50.0	305.0	827.9
57°	1524.4	1251.4	895.8	211.2	37.4	1.5	1.8	2.0	46.7	289.0	825.3
58°	1528.0	1256.8	878.7	201.1	34.9	1.6	1.9	2.1	43.7	277.5	820.2
59°	1525.9	1254.7	874.9	190.5	32.4	1.6	2.0	2.2	40.9	263.0	807.3
60°	1524.7	1250.3	876.5	178.2	30.0	1.7	2.1	2.3	38.0	245.1	792.4
61°	1524.6	1238.8	866.7	165.4	27.7	1.8	2.2	2.4	35.4	230.0	771.0
62°	1518.7	1240.3	851.3	154.1	25.4	1.9	2.3	2.5	32.8	216.0	757.2
63°	1509.2	1234.5	822.3	141.1	23.4	2.0	2.4	2.6	30.4	202.9	747.4
64°	1506.0	1228.7	799.7	128.7	21.5	2.1	2.5	2.7	28.2	189.5	740.3
65°	1501.1	1224.3	788.1	116.4	20.0	2.2	2.6	2.8	26.1	176.1	734.3
66°	1482.1	1221.1	774.1	106.0	18.8	2.3	2.7	2.9	24.2	163.2	717.3
67°	1461.7	1215.5	756.8	96.1	17.8	2.4	2.8	3.0	22.6	151.2	705.6
68°	1453.4	1205.8	739.6	86.1	16.9	2.5	2.9	3.1	21.3	139.7	692.3
69°	1441.8	1192.5	721.1	78.7	16.2	2.6	3.1	3.2	20.3	129.5	681.4
70°	1417.7	1184.6	707.6	72.0	15.4	2.7	3.2	3.3	19.3	120.0	672.0
71°	1399.9	1171.4	685.9	66.1	14.6	2.8	3.3	3.4	18.5	110.5	653.0
72°	1387.6	1161.0	669.2	61.0	13.9	2.9	3.4	3.5	17.6	101.5	637.7
73°	1372.2	1147.2	651.0	56.4	13.2	3.0	3.5	3.6	16.9	93.1	624.8
74°	1348.4	1135.2	635.5	52.2	12.6	3.1	3.7	3.6	16.1	85.4	608.6
75°	1330.2	1116.9	616.7	48.1	11.9	3.2	3.8	3.7	15.6	78.0	588.7
76°	1311.8	1099.9	593.1	44.5	11.4	3.3	3.9	3.7	15.0	71.3	574.1
77°	1281.9	1085.0	578.3	41.1	11.1	3.4	4.0	3.8	14.6	65.3	556.6
78°	1266.4	1069.6	562.5	38.1	10.8	3.5	4.1	3.9	14.2	59.5	537.2
79°	1242.5	1053.4	544.5	35.1	10.7	3.6	4.3	3.9	13.7	54.3	521.6
80°	1221.0	1035.8	528.9	32.4	10.5	3.7	4.4	4.0	13.4	49.4	505.2
81°	1192.6	1020.3	509.2	29.9	10.4	3.8	4.5	4.1	13.2	44.9	488.8
82°	1172.3	1001.5	489.8	27.6	10.3	3.9	4.6	4.2	12.8	40.7	469.7
83°	1146.9	979.9	472.4	25.5	10.1	4.0	4.8	4.3	12.6	36.9	452.6
84°	1114.9	958.6	450.8	23.5	10.0	4.1	4.9	4.4	12.5	33.7	437.0
85°	1091.7	935.1	433.7	21.6	10.0	4.2	5.0	4.5	12.4	30.8	420.8
86°	1067.9	914.1	414.8	19.8	9.9	4.3	5.1	4.6	12.1	27.9	404.1
87°	1043.4	893.3	397.2	18.3	9.7	4.4	5.3	4.7	11.9	25.3	385.7
88°	1021.5	871.6	379.8	17.0	9.6	4.5	5.4	4.8	12.3	23.0	368.5
89°	997.1	846.8	360.9	15.9	9.6	4.7	5.5	4.9	12.3	21.0	351.9





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**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	974.9	823.2	343.9	15.1	9.5	4.8	5.6	5.0	12.2	19.3	333.7
91°	950.4	801.0	326.6	14.4	9.4	4.9	5.7	5.1	12.2	18.1	317.1
92°	918.7	778.0	307.6	13.9	9.3	4.9	5.8	5.2	11.7	17.3	300.1
93°	891.7	755.5	291.6	13.6	9.2	5.0	5.9	5.2	11.5	16.7	285.1
94°	868.4	731.3	274.3	13.4	9.1	5.1	6.0	5.3	11.5	16.2	269.5
95°	842.5	707.9	259.2	13.4	9.0	5.2	6.1	5.3	11.3	16.0	255.5
96°	814.0	682.3	244.1	13.5	8.9	5.3	6.2	5.3	11.2	15.8	240.4
97°	786.8	657.4	229.4	13.7	8.9	5.4	6.3	5.4	11.1	15.8	225.0
98°	760.7	631.7	217.5	13.9	8.7	5.4	6.3	5.4	11.0	15.8	211.7
99°	738.8	605.9	204.5	14.1	8.6	5.5	6.4	5.4	10.8	15.9	199.5
100°	711.7	581.7	192.4	14.3	8.6	5.6	6.5	5.5	10.7	16.0	188.1
101°	681.0	555.2	181.7	14.5	8.4	5.6	6.5	5.5	10.6	16.2	177.0
102°	652.2	526.3	170.0	14.7	8.3	5.7	6.6	5.6	10.5	16.4	166.5
103°	626.6	501.1	159.7	14.8	8.2	5.8	6.6	5.7	10.4	16.6	156.3
104°	597.3	475.5	150.1	15.0	8.0	5.8	6.7	5.7	10.2	16.8	147.0
105°	566.9	449.3	139.7	15.1	7.9	5.9	6.7	5.8	10.1	17.0	137.4
106°	535.3	426.2	131.1	15.2	7.9	5.9	6.8	5.8	10.0	17.2	126.8
107°	506.6	402.2	122.4	15.2	7.8	6.0	6.8	5.9	10.0	17.3	115.3
108°	474.4	380.4	113.6	15.2	7.7	6.0	6.8	6.0	9.8	17.4	104.5
109°	440.3	356.1	105.3	15.2	7.6	6.1	6.8	6.0	9.7	17.6	93.3
110°	410.0	332.7	96.6	15.2	7.6	6.1	6.8	6.1	9.5	17.6	82.9
111°	380.8	309.6	88.5	15.2	7.5	6.2	6.8	6.1	9.4	17.6	74.2
112°	352.4	284.9	81.6	15.1	7.4	6.2	6.9	6.2	9.3	17.6	66.9
113°	327.9	257.2	75.1	15.0	7.3	6.3	6.9	6.2	9.1	17.5	60.4
114°	304.1	229.7	69.1	14.9	7.3	6.3	6.9	6.3	9.0	17.4	54.4
115°	282.3	198.6	63.4	14.9	7.2	6.4	6.9	6.3	8.9	17.3	49.5
116°	257.6	171.0	58.2	14.8	7.2	6.4	6.9	6.4	8.7	17.2	44.6
117°	232.1	148.0	53.4	14.7	7.1	6.5	6.9	6.4	8.6	17.1	40.4
118°	202.3	127.5	49.1	14.5	7.1	6.5	7.0	6.5	8.5	17.0	37.1
119°	176.3	113.6	45.2	14.4	7.1	6.6	7.0	6.5	8.4	16.8	34.0
120°	154.5	103.5	41.9	14.2	7.0	6.6	7.0	6.6	8.4	16.5	31.3
121°	138.0	93.9	38.9	13.9	7.0	6.7	7.0	6.6	8.3	16.1	28.6
122°	126.1	85.6	36.8	13.6	7.0	6.7	7.0	6.7	8.2	15.6	26.5
123°	115.4	78.8	34.6	13.3	7.0	6.8	7.0	6.7	8.1	15.1	24.0
124°	105.0	71.3	31.8	12.9	7.0	6.8	7.1	6.8	8.0	14.5	21.3
125°	95.8	65.4	28.9	12.5	6.9	6.9	7.1	6.8	7.9	14.0	18.7
126°	86.8	58.2	26.6	12.1	6.9	6.9	7.1	6.9	7.9	13.4	16.7
127°	78.8	51.9	24.5	11.7	6.9	6.9	7.1	6.9	7.8	12.9	15.2
128°	71.3	45.9	22.6	11.2	6.9	7.0	7.2	6.9	7.7	12.4	13.8
129°	63.5	40.1	20.7	10.8	6.9	7.0	7.2	7.0	7.6	11.8	12.4
130°	56.3	35.3	19.0	10.3	6.8	7.1	7.2	7.0	7.5	11.3	11.1
131°	49.5	30.9	17.0	9.8	6.8	7.1	7.2	7.1	7.4	10.7	9.9
132°	41.8	26.8	15.1	9.4	6.8	7.1	7.3	7.1	7.3	10.2	8.8
133°	34.7	23.7	13.5	9.0	6.7	7.2	7.3	7.1	7.1	9.5	7.9
134°	29.5	20.7	12.0	8.6	6.7	7.2	7.3	7.2	7.0	8.9	7.2



REPORT NUMBER: P670596  
 CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	24.7	17.9	10.8	8.2	6.7	7.2	7.4	7.2	6.8	8.3	6.6
136°	21.0	15.3	9.8	7.9	6.6	7.3	7.4	7.2	6.6	7.6	5.7
137°	17.7	13.2	8.7	7.6	6.6	7.3	7.4	7.3	6.4	6.9	4.8
138°	14.9	11.4	7.8	7.3	6.5	7.3	7.5	7.3	6.1	6.3	4.1
139°	12.4	9.5	7.4	7.1	6.5	7.3	7.5	7.3	6.0	5.8	3.9
140°	9.9	7.5	7.0	6.8	6.4	7.3	7.5	7.3	5.9	5.3	3.7
141°	7.8	6.2	6.7	6.6	6.3	7.3	7.5	7.3	5.8	4.8	3.7
142°	6.3	5.8	6.5	6.3	6.3	7.3	7.5	7.3	5.7	4.5	3.7
143°	4.8	5.2	6.3	6.1	6.2	7.3	7.5	7.3	5.7	4.2	3.8
144°	2.6	5.1	6.2	5.8	6.1	7.3	7.5	7.2	5.7	4.0	4.0
145°	1.9	5.1	6.0	5.6	6.0	7.3	7.5	7.2	5.7	4.0	4.2
146°	1.8	5.0	6.0	5.3	6.0	7.2	7.5	7.2	5.7	4.0	4.5
147°	1.8	4.5	6.0	5.0	6.0	7.2	7.5	7.1	5.6	4.0	4.7
148°	1.8	4.2	6.1	4.8	6.0	7.2	7.5	7.1	5.5	4.1	4.9
149°	1.8	4.0	6.3	4.6	6.0	7.1	7.4	7.0	5.5	4.1	5.0
150°	1.8	3.9	6.4	4.5	6.0	7.1	7.4	6.9	5.4	4.2	5.2
151°	1.7	3.7	6.7	4.5	5.9	7.1	7.3	6.9	5.4	4.2	4.9
152°	1.7	3.3	6.5	4.5	5.9	7.0	7.3	6.8	5.4	4.2	4.6
153°	1.6	3.1	6.0	4.6	5.9	6.9	7.2	6.8	5.4	4.3	4.3
154°	1.8	3.2	5.7	4.6	5.9	6.9	7.1	6.7	5.3	4.3	4.1
155°	1.8	3.4	5.3	4.6	5.9	6.8	7.1	6.7	5.3	4.4	3.9
156°	1.9	3.6	4.8	4.7	5.9	6.8	7.0	6.6	5.3	4.4	3.9
157°	2.0	3.8	4.6	4.7	5.9	6.7	6.9	6.4	5.3	4.5	3.9
158°	2.2	4.0	4.6	4.8	5.9	6.6	6.8	6.4	5.3	4.5	3.9
159°	2.4	4.0	4.5	4.8	5.9	6.6	6.7	6.3	5.2	4.6	4.0
160°	2.6	4.0	4.4	4.8	5.9	6.5	6.6	6.2	5.2	4.6	4.0
161°	2.8	4.1	4.4	4.9	5.8	6.4	6.5	6.1	5.1	4.6	4.0
162°	2.9	4.1	4.3	4.9	5.8	6.3	6.4	6.1	5.1	4.7	4.1
163°	3.0	4.1	4.3	4.9	5.8	6.3	6.3	6.0	5.1	4.7	4.1
164°	3.0	3.9	4.3	5.0	5.8	6.2	6.2	5.9	5.1	4.7	4.2
165°	3.1	3.7	4.3	5.0	5.7	6.1	6.1	5.8	5.0	4.8	4.2
166°	3.1	3.3	4.3	5.0	5.7	6.1	6.0	5.7	5.0	4.8	4.3
167°	3.1	3.4	4.1	5.0	5.7	6.0	5.9	5.6	5.0	4.8	4.3
168°	3.2	3.5	4.0	5.1	5.6	5.9	5.8	5.5	4.9	4.9	4.3
169°	3.3	3.5	4.0	5.1	5.6	5.8	5.7	5.4	4.9	4.9	4.4
170°	3.4	3.6	4.0	5.1	5.5	5.7	5.6	5.3	4.9	4.9	4.4
171°	3.6	3.7	4.0	5.1	5.5	5.6	5.5	5.2	4.8	4.9	4.5
172°	3.7	3.8	4.1	5.1	5.4	5.6	5.4	5.2	4.7	5.0	4.5
173°	3.9	3.9	4.1	5.1	5.4	5.5	5.3	5.1	4.7	5.0	4.5
174°	4.0	4.0	4.2	5.1	5.3	5.4	5.1	5.0	4.6	5.0	4.6
175°	4.1	4.1	4.2	5.1	5.3	5.3	5.0	4.9	4.5	5.0	4.7
176°	4.2	4.1	4.1	5.1	5.2	5.2	4.9	4.8	4.3	5.1	4.7
177°	4.4	4.2	4.1	5.1	5.2	5.1	4.8	4.6	4.2	5.1	4.8
178°	4.4	4.2	4.1	5.1	5.1	5.0	4.7	4.5	4.2	5.1	4.9
179°	4.4	4.2	4.1	5.1	5.0	4.9	4.5	4.3	4.1	5.1	4.9



REPORT NUMBER: P670596  
CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P670596  
CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
0°	710.2	710.2
1°	757.7	774.8
2°	808.2	839.6
3°	869.9	910.8
4°	931.7	974.1
5°	1002.5	1041.2
6°	1054.6	1100.6
7°	1098.3	1152.6
8°	1137.5	1200.1
9°	1165.0	1263.1
10°	1211.1	1310.0
11°	1250.0	1350.3
12°	1274.5	1406.8
13°	1332.6	1439.1
14°	1374.2	1462.2
15°	1429.5	1476.5
16°	1445.3	1492.9
17°	1456.2	1491.5
18°	1456.5	1512.5
19°	1426.2	1532.8
20°	1414.2	1525.4
21°	1417.3	1539.9
22°	1433.0	1519.4
23°	1453.7	1519.1
24°	1458.6	1491.6
25°	1454.6	1487.3
26°	1432.9	1468.1
27°	1402.7	1458.1
28°	1374.2	1456.6
29°	1344.7	1435.5
30°	1340.1	1436.6
31°	1343.5	1418.1
32°	1331.5	1417.9
33°	1311.4	1394.6
34°	1292.0	1402.6
35°	1266.5	1383.3
36°	1247.1	1373.6
37°	1223.2	1371.2
38°	1215.0	1371.5
39°	1203.2	1357.9
40°	1203.5	1358.4
41°	1195.6	1348.4
42°	1191.4	1336.1
43°	1166.1	1348.2
44°	1157.7	1336.6



REPORT NUMBER: P670596  
CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
45°	1146.3	1340.2
46°	1133.3	1352.0
47°	1129.4	1344.0
48°	1127.9	1365.9
49°	1120.9	1364.7
50°	1125.6	1391.0
51°	1127.9	1416.9
52°	1127.4	1455.5
53°	1136.1	1474.5
54°	1142.8	1494.9
55°	1154.7	1502.5
56°	1164.4	1511.9
57°	1174.5	1524.4
58°	1181.5	1528.0
59°	1181.1	1525.9
60°	1179.7	1524.7
61°	1179.5	1524.6
62°	1177.6	1518.7
63°	1175.3	1509.2
64°	1172.7	1506.0
65°	1166.3	1501.1
66°	1161.3	1482.1
67°	1157.1	1461.7
68°	1155.4	1453.4
69°	1148.0	1441.8
70°	1140.3	1417.7
71°	1127.0	1399.9
72°	1118.8	1387.6
73°	1105.3	1372.2
74°	1092.0	1348.4
75°	1078.9	1330.2
76°	1064.8	1311.8
77°	1046.9	1281.9
78°	1031.1	1266.4
79°	1015.2	1242.5
80°	993.7	1221.0
81°	974.9	1192.6
82°	955.9	1172.3
83°	932.2	1146.9
84°	909.6	1114.9
85°	886.3	1091.7
86°	864.5	1067.9
87°	841.3	1043.4
88°	819.3	1021.5
89°	796.7	997.1



REPORT NUMBER: P670596  
CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
90°	771.9	974.9
91°	750.5	950.4
92°	728.6	918.7
93°	703.6	891.7
94°	679.9	868.4
95°	657.0	842.5
96°	632.8	814.0
97°	609.6	786.8
98°	585.2	760.7
99°	561.7	738.8
100°	536.9	711.7
101°	512.5	681.0
102°	485.9	652.2
103°	460.2	626.6
104°	435.6	597.3
105°	410.5	566.9
106°	383.6	535.3
107°	357.4	506.6
108°	332.5	474.4
109°	307.2	440.3
110°	285.1	410.0
111°	263.6	380.8
112°	242.8	352.4
113°	221.7	327.9
114°	201.3	304.1
115°	177.0	282.3
116°	152.6	257.6
117°	132.7	232.1
118°	116.9	202.3
119°	104.6	176.3
120°	95.0	154.5
121°	86.1	138.0
122°	78.0	126.1
123°	70.9	115.4
124°	64.0	105.0
125°	57.6	95.8
126°	51.0	86.8
127°	45.1	78.8
128°	39.1	71.3
129°	33.3	63.5
130°	28.3	56.3
131°	23.9	49.5
132°	20.1	41.8
133°	17.1	34.7
134°	14.3	29.5



REPORT NUMBER: P670596  
CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
135°	12.1	24.7
136°	10.0	21.0
137°	8.3	17.7
138°	6.8	14.9
139°	5.2	12.4
140°	3.4	9.9
141°	2.8	7.8
142°	2.7	6.3
143°	2.7	4.8
144°	2.9	2.6
145°	3.1	1.9
146°	3.0	1.8
147°	2.8	1.8
148°	2.6	1.8
149°	2.5	1.8
150°	2.5	1.8
151°	2.4	1.7
152°	2.3	1.7
153°	2.5	1.6
154°	2.6	1.8
155°	2.7	1.8
156°	2.9	1.9
157°	3.0	2.0
158°	3.0	2.2
159°	3.1	2.4
160°	3.1	2.6
161°	3.2	2.8
162°	3.2	2.9
163°	3.2	3.0
164°	3.2	3.0
165°	3.2	3.1
166°	3.3	3.1
167°	3.4	3.1
168°	3.5	3.2
169°	3.7	3.3
170°	3.8	3.4
171°	3.9	3.6
172°	4.0	3.7
173°	4.2	3.9
174°	4.3	4.0
175°	4.4	4.1
176°	4.5	4.2
177°	4.6	4.4
178°	4.7	4.4
179°	4.7	4.4

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P670596  
CATALOG NUMBER: WXPS40UNVDBZ-30W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
180°	4.5	4.5

(END OF REPORT)